

**FIGURE 1**

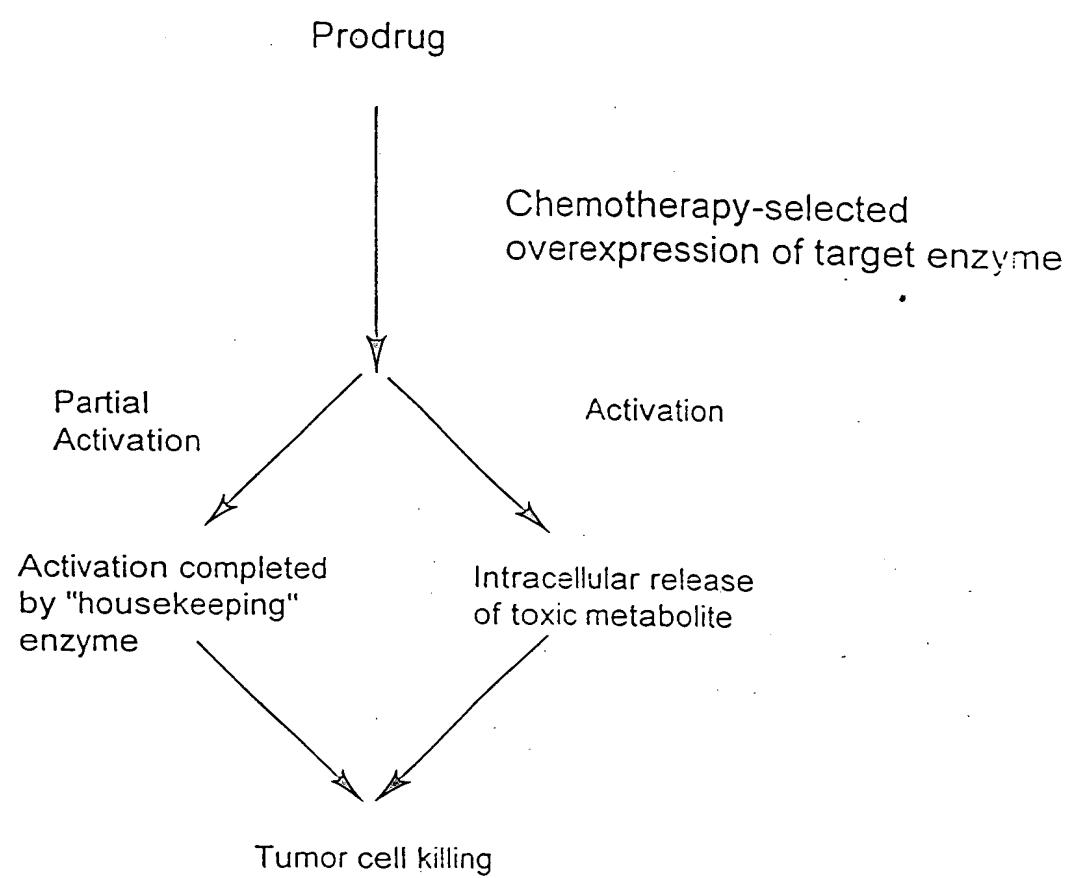


FIGURE 2

General Schematic of the High Throughput Screen of Novel Prodrug Including Anticancer Prodrugs

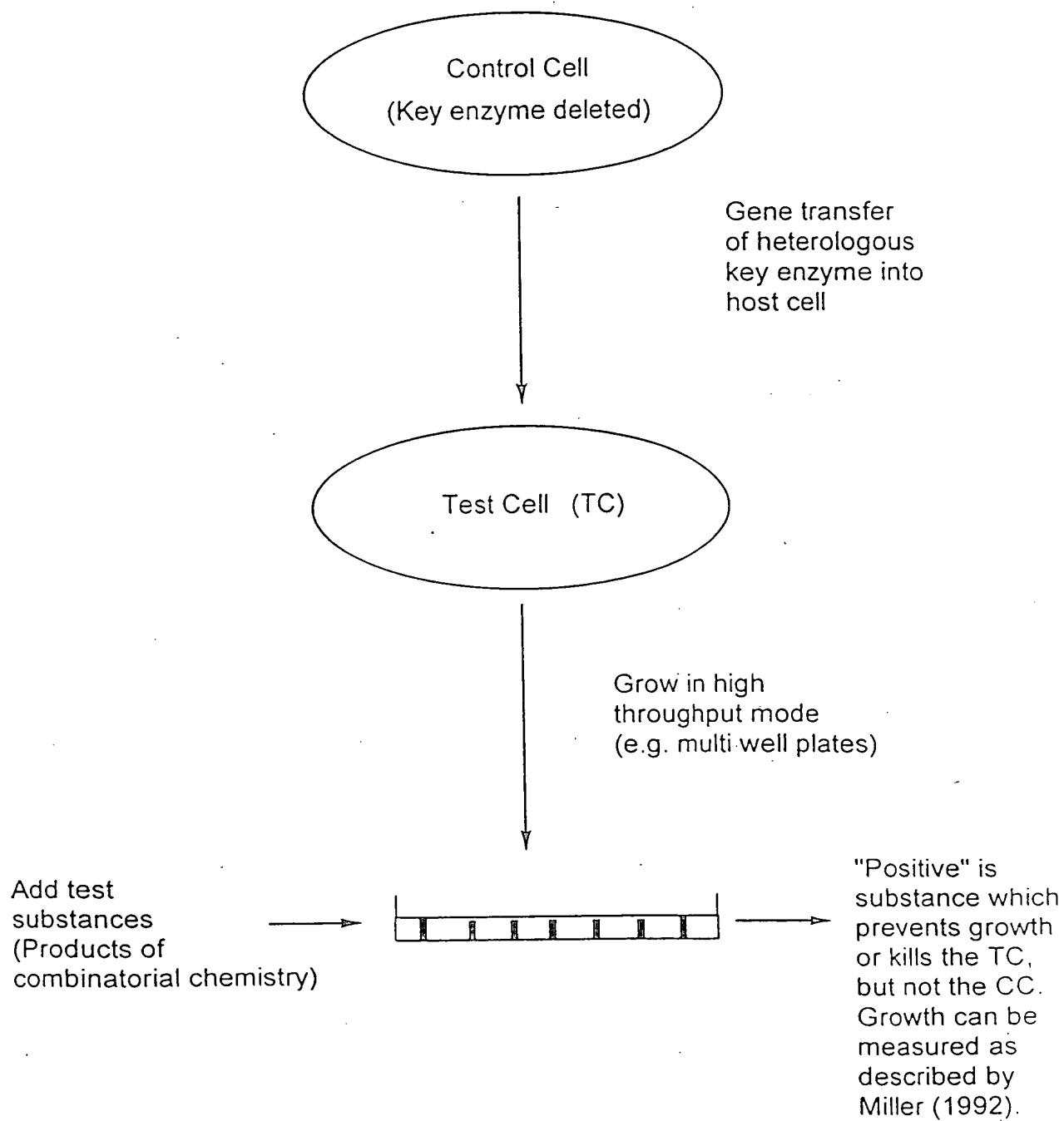


FIGURE 3

How to find a TS lead molecule: Design of the High Throughput Screen  
e.g., Using Thymidylate Synthase as the Target Enzyme

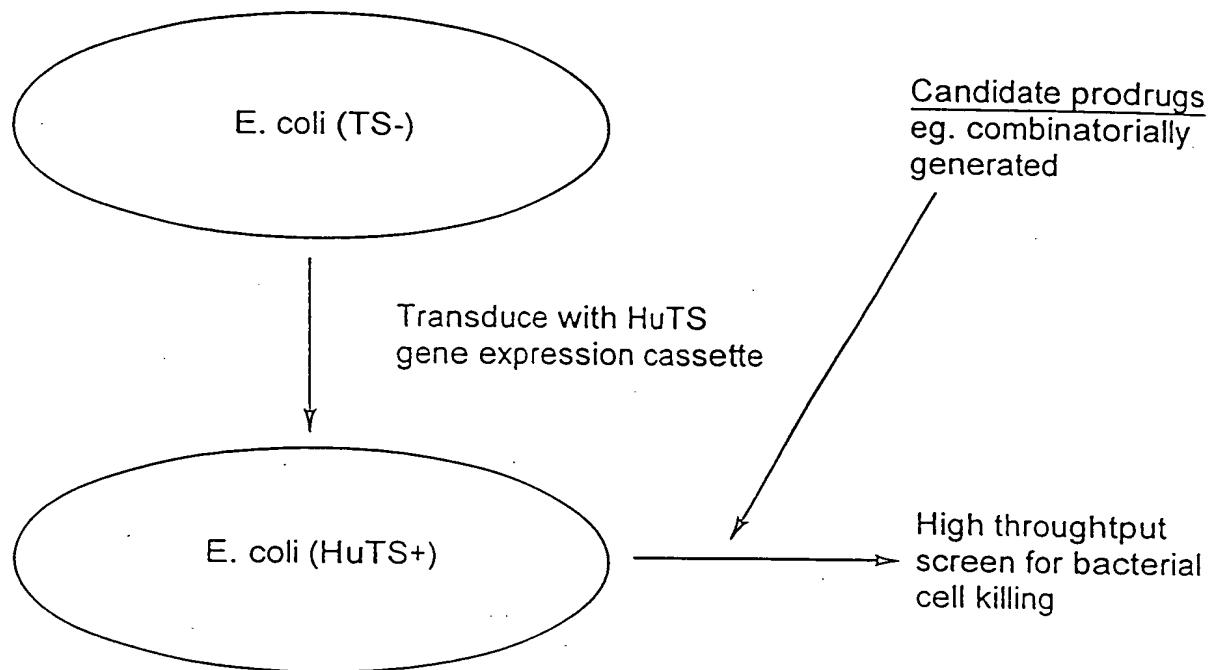


FIGURE 4

How to find a TS lead molecule: Replacement of two enzymes,  
e.g., Thymidylate Synthase (TS) and Thymidine Kinase (TK)

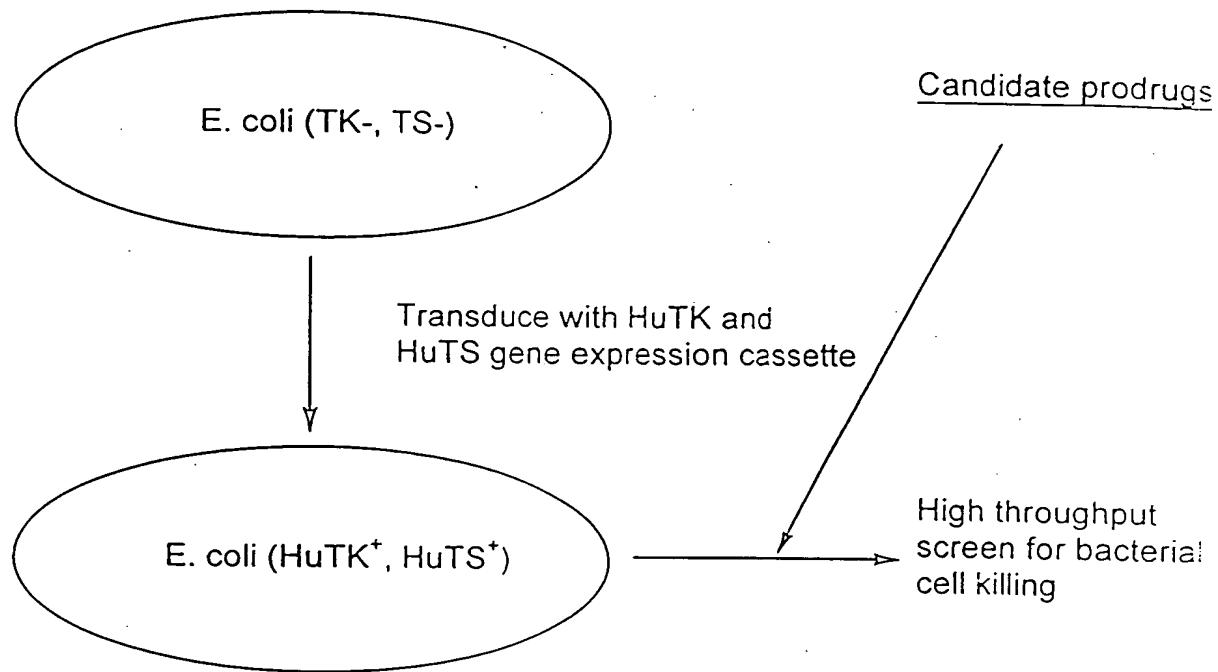


FIGURE 5

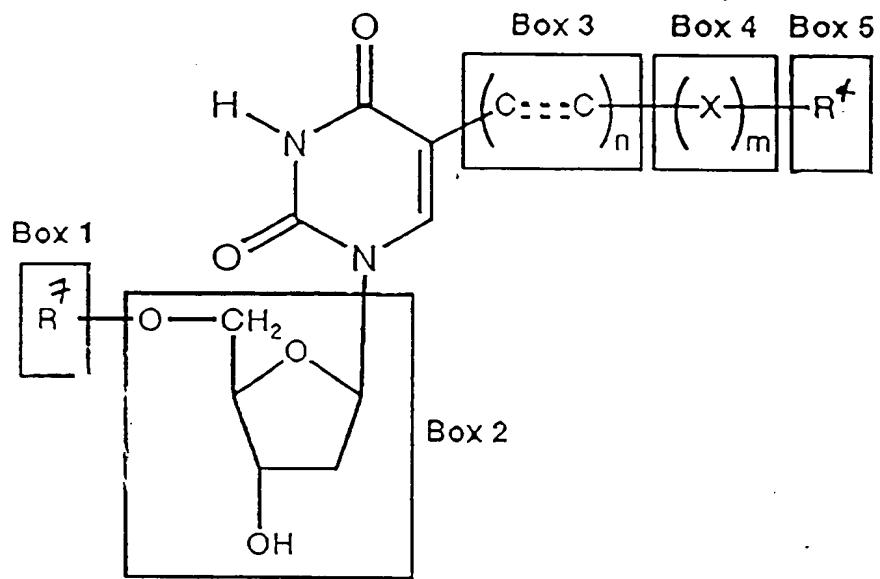


FIGURE 6

p36 T.S →

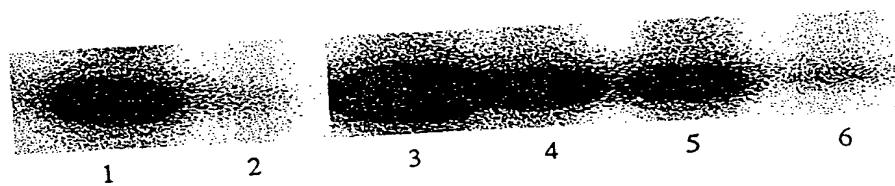


Fig. 7

Fig. 8

